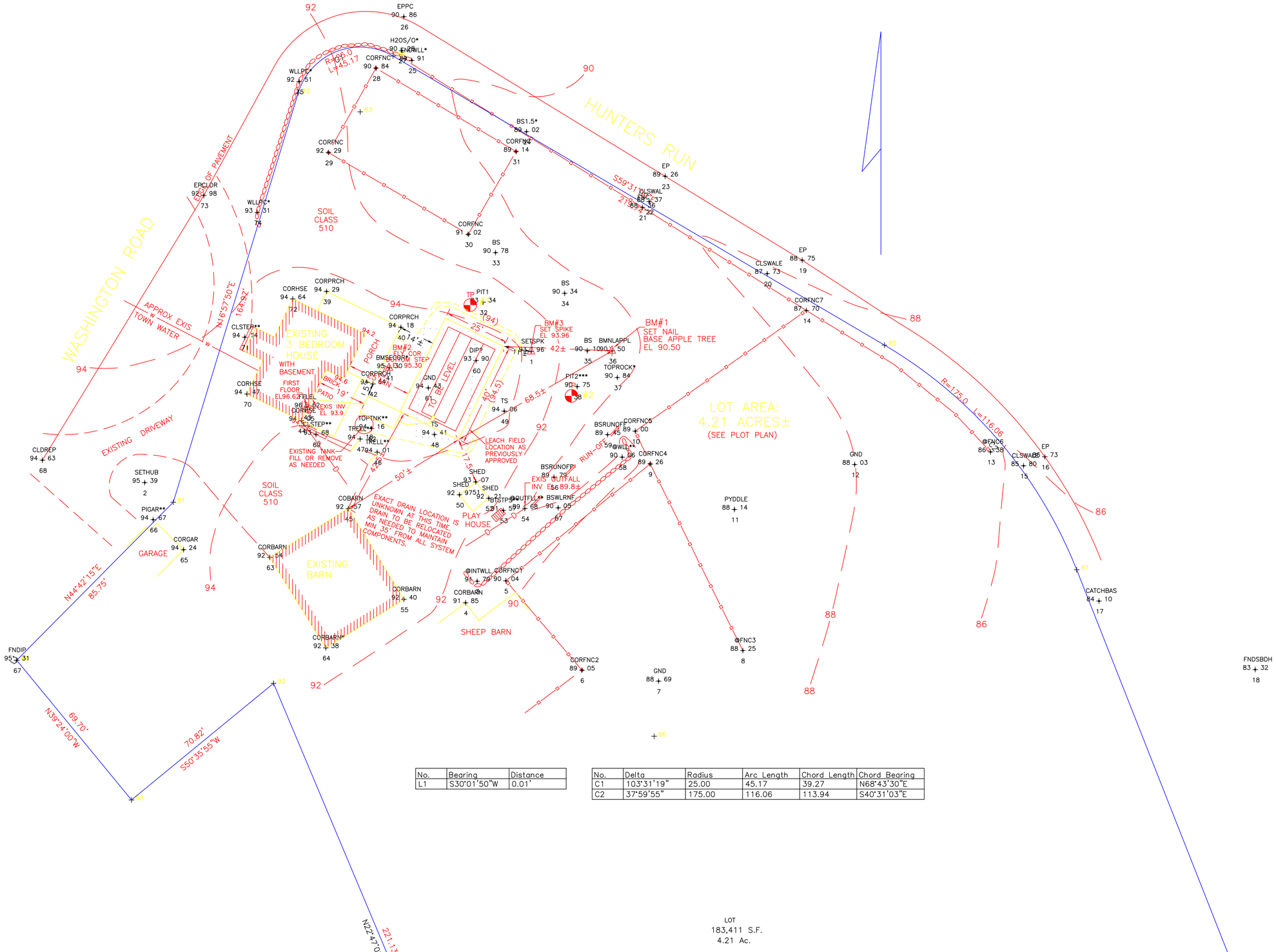


No.	Bearing	Distance
L1	S30°01'50"W	0.01'

No.	Delta	Radius	Arc Length	Chord Length	Chord Bearing
C1	103°31'19"	25.00	45.17	39.27	N68°43'30"E
C2	37°59'55"	175.00	116.06	113.94	S40°31'03"E

Command= 210-
Point#, Start#-End# or G#= 1-127

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
----------11-05-2023-----				14:22:20	----------	D:\BENCH FILES\BM13	
		93.96	SETSPK	1	5119.0314	5198.2627	
		95.39	SETHUB	2	5068.5021	5049.3205	TRA
		91.79	@INTWLL	3	5030.4905	5177.4245	SS
		91.85	CORBARN	4	5022.1889	5172.9735	SS
		90.04	CORFNC1	5	5030.6582	5188.5075	SS
		89.05	CORFNC2	6	4996.1652	5217.8010	SS
		88.69	GND	7	4991.9313	5247.3229	SS
		88.25	@FNC3	8	5003.7344	5279.7910	SS
		89.26	CORFNC4	9	5075.6959	5244.1145	SS
		89.00	CORFNC5	10	5088.3393	5238.3531	SS
		88.14	PYDDLE	11	5058.1562	5276.5880	SS
		88.03	GND	12	5075.4794	5322.9240	SS
		86.38	@FNC6	13	5080.3277	5375.2503	SS
		87.70	CORFNC7	14	5134.8674	5304.2664	SS
		85.80	CLSWALE	15	5074.9720	5387.9839	SS
		86.73	EP	16	5078.4489	5396.1748	SS
		84.10	CATCHBAS	17	5022.8523	5417.0562	SS
		83.32	FNDSBDH	18	4996.3930	5477.2473	SS
		88.75	EP	19	5154.2278	5302.6910	SS
		87.73	CLSWALE	20	5149.0653	5289.1909	SS
		88.36	FNC	21	5174.6166	5241.0893	SS
		88.37	CLSWAL	22	5176.8395	5243.7360	SS
		89.26	EP	23	5186.6221	5249.8863	SS
		89.02	BS1.5*	24	5203.8017	5196.4344	SS
		89.91	ENDWLL*	25	5231.3224	5152.2832	SS
		90.86	EPPC	26	5248.1439	5149.1724	SS
		90.28	H2OS/O*	27	5235.0832	5148.4010	SS
		90.84	CORFNC	28	5228.3141	5138.4301	SS
		92.29	CORFNC	29	5195.7622	5120.1294	SS
		91.02	CORFNC	30	5164.2342	5174.0060	SS
		89.14	CORFNC	31	5196.1491	5192.4029	SS
		93.34	PIT1	32	5138.0560	5179.6861	SS
		90.78	BS	33	5157.1699	5184.4875	SS
		90.34	BS	34	5141.4638	5211.1485	SS
		90.10	BS	35	5119.3407	5219.8705	SS
		90.50	BMNLAPPL	36	5119.3144	5229.4315	SS
		90.84	TOPROCK*	37	5109.0229	5231.4462	SS
		90.75	PIT2***	38	5105.5152	5215.9621	SS
		94.29	CORPRCH	39	5142.2224	5119.3916	SS

JOB #1 379MACLEOD [127]

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
11-05-2023				14:22:20		D:\BENCH FILES\BM13	
		94.18	CORPRCH	40	5128.3715	5148.0338	SS
		95.30	BMSECOR*	41	5112.7302	5143.5544	SS
		94.64	CORPRCH	42	5106.5571	5137.2346	SS
		96.62	FFLEL	43	5097.5956	5111.8209	SS
		94.05	CORHSE	44	5092.3884	5109.7037	SS
		92.57	COBARN	45	5058.4818	5127.7796	SS
		94.01	TRELL**	46	5080.2019	5138.9050	SS
		94.18	TRELL**	47	5085.3005	5132.3413	SS
		94.41	TS	48	5087.0446	5160.9588	SS
		94.06	TS	49	5096.0294	5187.8720	SS
		92.97	SHED	50	5063.7955	5170.5903	SS
		93.07	SHED	51	5068.7808	5176.9076	SS
		92.21	SHED	52	5062.4352	5181.9146	SS
		91.57	BTSTPS**	53	5057.7914	5187.4914	SS
		89.68	@OUTFLL*	54	5058.5017	5195.7943	SS
		92.40	CORBARN	55	5023.4753	5149.1905	SS
		89.79	BSRUNOFF	56	5070.6182	5207.0265	SS
		90.05	BSWLRNF	57	5058.7862	5208.6262	SS
		90.06	@WLL**	58	5078.3058	5233.2950	SS
		89.45	BSRUNOFF	59	5086.9597	5227.6804	SS
		93.90	DIP?	60	5115.5681	5176.9928	SS
		94.43	GND	61	5105.0063	5158.5888	SS
		94.16	TOPTNK**	62	5089.3469	5136.7088	SS
		92.54	CORBARN	63	5039.6784	5097.4962	SS
		92.38	CORBARN*	64	5004.8170	5119.1108	SS
		94.24	CORGAR	65	5042.6309	5064.2903	SS
		94.67	PIGAR**	66	5054.1965	5052.5698	SS
		95.31	FNDIP	67	5000.0000	5000.0000	SS
		94.63	CLDREP	68	5077.1551	5009.8888	SS
		93.68	CLSTEP**	69	5087.0496	5115.3448	SS
		94.47	CORHSE	70	5102.6665	5088.7212	SS
		94.14	CLSTEP**	71	5124.5409	5087.8917	SS
		94.64	CORHSE	72	5139.2995	5106.3658	SS
		92.98	EPCLDR	73	5179.2411	5072.1118	SS
		93.31	WLLPC*	74	5172.6467	5092.7055	SS
		92.51	WLLPC*	75	5223.1504	5108.8496	SS
				80	5000.0000	5000.0000	
				81	5060.9467	5060.3205	TRA
				82	5218.7386	5108.4536	TRA
				83	5211.4444	5132.3659	RP
				84	5232.9883	5145.0490	PT
				85	5121.5169	5334.4159	TRA
				86	4970.7059	5245.6405	RP
				87	5034.8951	5408.4433	PT
				88	4677.6371	5549.2910	TRA
				89	4565.0345	5263.6763	TRA
				90	4639.2454	5234.4189	TRA
				91	4787.2263	5184.6058	TRA
				92	4991.1007	5098.9689	TRA
				93	4946.1478	5044.2450	TRA
				94	5000.0073	5000.0042	TRA
				95	5053.2337	5454.9588	TRA
				96	4996.3917	5477.3686	TRA

Point#, Start#-End# or G#= 4-

APPROVAL FOR CONSTRUCTION

N.H. DEPARTMENT OF ENVIRONMENTAL SERVICES
SUBSURFACE SYSTEMS BUREAU
P.O. BOX 95, 6 HAZEN DRIVE, CONCORD, NH 03302-0095

CA2003053575 APPROVAL NO. CA2003053575

THE PLANS AND SPECIFICATIONS FOR SEWAGE OR WASTE DISPOSAL SYSTEM SUBMITTED FOR:

OWNER:

KATHLEEN/ROBERT MACLEOD
740 WASHINGTON RD
RYE NH 03870-

COPY SENT TO:

BUILDING INSPECTOR
10 CENTRAL RD
RYE NH 03870

BY APPLICANT: PERMIT NO. 00348

STOCKTON SERVICES
PO BOX 1306
HAMPTON NH 03843-1306

Map No./Lot No.: 11 LOT 103 / 8
Subd. Appvl. No.: 22258
Subd. Name: HUNTERS RUN
County: ROCKINGHAM
Registry Book No.: 3486
Registry Page No.: 0134
Probate Docket No.: (If Applicable)

Type of System: 3 BR
450 GPD

Town/City Location: RYE

Street Location: 740 WASHINGTON ROAD

Subsurface waste disposal systems must be operated and maintained in a manner so as to prevent nuisance or health hazard due to system failure. (RSA 485-A:37)

It is unlawful to discharge any hazardous chemicals or substances into subsurface waste disposal systems. Included are paints, thinners, gasoline and chlorinated hydrocarbon solvents such as TCE, sometimes used to clean failed septic systems and auto parts. (Env-Ws 1503.04)

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED BELOW CONDITIONS

1. THIS APPROVAL IS VALID FOR 90 DAYS FROM DATE OF SAID APPROVAL, PER ENV-WS 1003.19.
2. THIS APPROVAL IS GRANTED ONLY TO IMPROVE AN EXISTING SITUATION.
3. APPROVED WITH A MUNICIPAL WATER SUPPLY ONLY.
4. WAIVER GRANTED.

Approved this date: 06/20/2003 By: Eric Thomas
ERIC J THOMAS
N.H. Department of Environmental Services Staff

Date amended: Amended by:

REVISED 8/01 (OVER)

200304363 APPLICANT'S

CA2003053575

REVIEWED AND APPROVED
IN ACCORDANCE WITH THE
REQUIREMENTS OF THE
NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION

Signed Eric Thomas
Date 6-20-03

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED ON THIS CONDITIONAL APPROVAL.

PERC TEST DATA PT

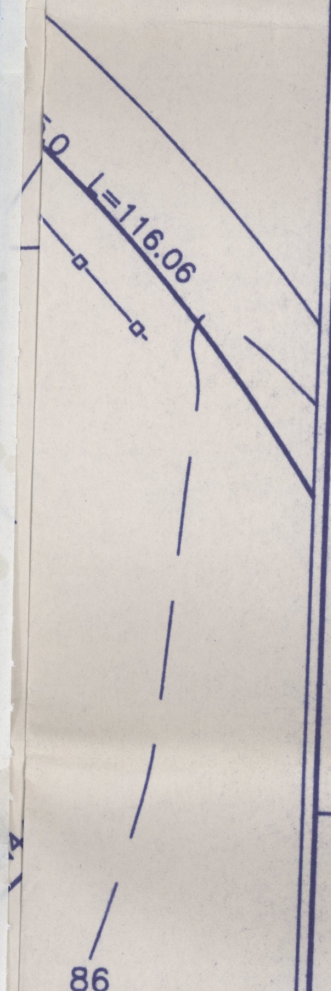
DATE 8/26/80 (PREVIOUS DESIGN)

PERC RATE: ACTUAL 4 MIN/IN, DESIGN 8 MIN/IN

DESIGN LOADING: 4 BEDROOMS @ 8 MIN/IN

AREA REQUIRED: 1000 SF REQUIRED

AREA PROPOSED: 25' X 40' = 1000 SF PROVIDED



PROPOSED REPLACEMENT
SEPTIC SYSTEM PLAN
PREVIOUS APPROVAL #90449 EXISTING SYSTEM IN FAILURE

LOCUS: 740 WASHINGTON ROAD
RYE, NH

RECEIVED
JUN 19 2003

OWNER: ROBERT & KATHLEEN MACLEOD
740 WASHINGTON ROAD
RYE, NH 03870

NEW HAMPSHIRE
Designer
of
Subsurface Disposal
Systems
* * *
Ann W. Bialobrzeski
No. 348
Water Supply & Pollution Control

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843-1306

AMENDED 9/23/03

DATE: 6/08/03

APPROVAL:

379

Stockton Services
PO Box 1306, Hampton, NH
03843-1306
(603) 474-1954

Eric Thomas
NHDES-Subsurface
PO Box 95
Concord, NH 03302-0095

July 1, 2003

Re: Construction Approval CA2003053575 (MacLeod, Rye)

Dear Eric:

Per our phone discussion, I have left a message for Dennis Plante to bring the plans for Robert and Kathleen MacLeod in Rye back to Concord so that you can issue a revised Construction Approval reflecting the 4-bedroom design which was submitted and approved. The current approval slip shows 3 bedrooms by mistake.

My apologies, as the plans may not have been clear enough regarding the expansion of the existing 3-bedroom house to 4 bedrooms. Please note that the design loading and all components reflect this expansion.

Thanks for your help.

Sincerely,

Anne W. Bialobrzeski
NHLLS #752
Stockton Services

APPROVAL FOR CONSTRUCTION

CA2003053575

N.H. DEPARTMENT OF ENVIRONMENTAL SERVICES
SUBSURFACE SYSTEMS BUREAU
P.O. BOX 95, 6 HAZEN DRIVE, CONCORD, NH 03302-0095

APPROVAL NO. CA2003053575

THE PLANS AND SPECIFICATIONS FOR SEWAGE OR WASTE DISPOSAL SYSTEM SUBMITTED FOR:

OWNER:

KATHLEEN/ROBERT MACLEOD
740 WASHINGTON RD
RYE NH 03870-

COPY SENT TO:

BUILDING INSPECTOR
10 CENTRAL RD
RYE NH 03870

BY APPLICANT: PERMIT NO. 00348

STOCKTON SERVICES
PO BOX 1306
HAMPTON NH 03843-1306

Map No./Lot No.: 11 LOT 103 / 8
Subd. Appvl. No.: 22258
Subd. Name: HUNTERS RUN
County: ROCKINGHAM
Registry Book No.: 3486
Registry Page No.: 0134
Probate Docket No.: (If Applicable)

Type of System: 4 BR
600 GPD

Town/City Location: RYE

Street Location: 740 WASHINGTON ROAD

Subsurface waste disposal systems must be operated and maintained in a manner so as to prevent nuisance or health hazard due to system failure. (RSA 485-A:37)

It is unlawful to discharge any hazardous chemicals or substances into subsurface waste disposal systems. Included are paints, thinners, gasoline and chlorinated hydrocarbon solvents such as TCE, sometimes used to clean failed septic systems and auto parts. (Env-Ws 1503.04)

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED BELOW CONDITIONS

1. THIS APPROVAL IS VALID FOR 90 DAYS FROM DATE OF SAID APPROVAL, PER ENV-WS 1003.19
2. THIS APPROVAL IS GRANTED ONLY TO IMPROVE AN EXISTING SITUATION.
3. APPROVED WITH A MUNICIPAL WATER SUPPLY ONLY.
4. WAIVER GRANTED.

APPROVAL CORRECTED TO DELETE CONDITION #2 AND REFLECT THE CORRECT NUMBER OF BEDROOMS AND ASSOCIATED FLOW. EJT 07/01/03.

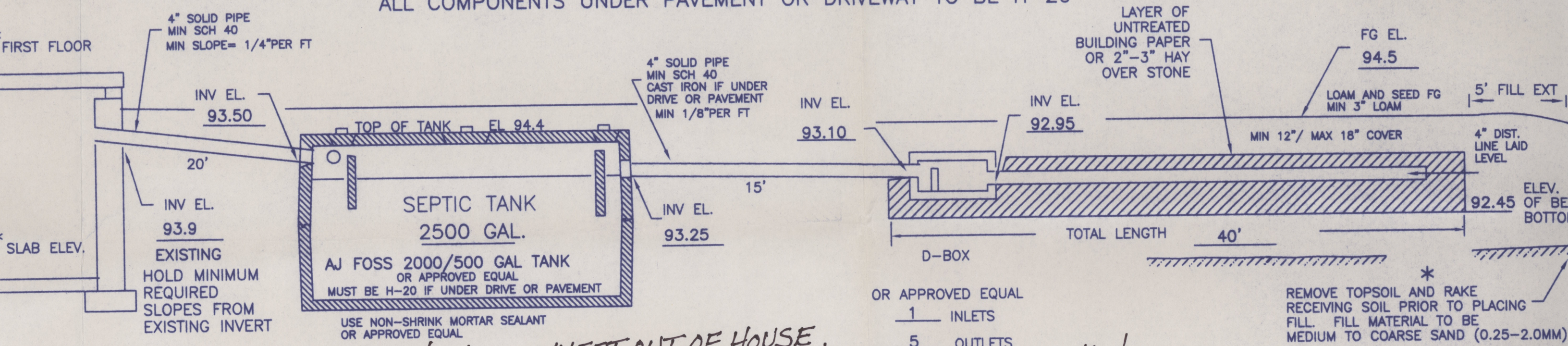
Approved this date: 06/2 003 By: RK THOMAS
N.H. Department of Environmental Services Staff

Date amended: Amended by:

REVISED 8/01 (OVER)

APPLICANT'S

ALL COMPONENTS UNDER PAVEMENT OR DRIVEWAY TO BE H-20



AMENDED 9/23/03 - INVERT OUT OF HOUSE TO BED BOTTOM ALL 3" LOWER - OK'D WITH JIM FALICON

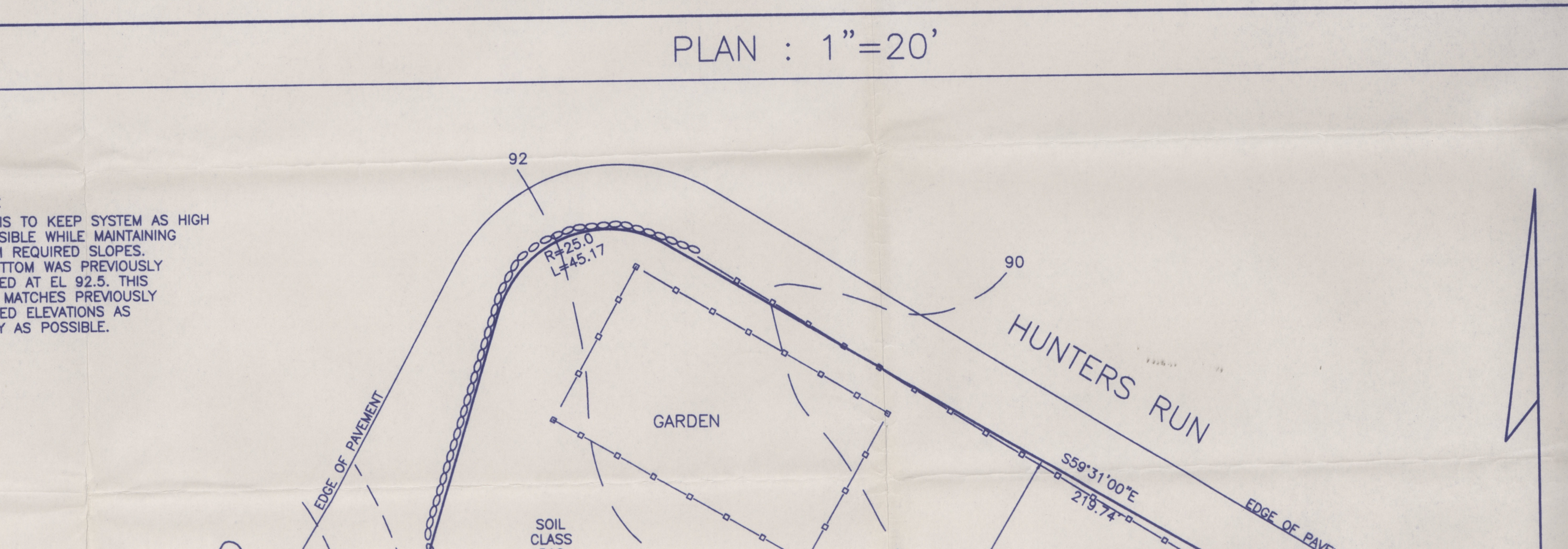
CROSS SECTION DISPOSAL SYSTEM - NOT TO SCALE

*NOTE: ORIGINA
TEST PIT. ALL
BE REMOVED
FILL EXTENSIO

UNDATION
DRAINS

IS TO KEEP SYSTEM AS HIGH
SIBLE WHILE MAINTAINING
REQUIRED SLOPES.
TTOM WAS PREVIOUSLY
ED AT EL 92.5. THIS
MATCHES PREVIOUSLY
ED ELEVATIONS AS
Y AS POSSIBLE.

PLAN : 1"=20'



APPROVAL FOR CONSTRUCTION

N.H. WATER SUPPLY & POLLUTION CONTROL COMMISSION
P.O. BOX 95 HAZEN DRIVE, CONCORD, NH 03301

THE PLANS AND SPECIFICATIONS FOR SEWAGE OR WASTE DISPOSAL SYSTEM SUBMITTED FOR:

APPROVAL # 90449

Owner:

Donald Longstreet
19 Sea Road
Rye Beach, NH 03871

Copy of Plan & Approval sent to:

Joseph May, B.I.
Town Office
Rye, NH 03870

By Applicant: PERMIT # 91

John W. Durgin Assoc., Inc.
600 Greenland Road
Portsmouth, NH 03801

LOT NUMBERS:
SUBD. APPVL.#: +5 Ac
SUBD. NAME:

TYPE OF SYSTEM: Three Bedroom House

TOWN/CITY LOCATION: Rye, NH
STREET LOCATION: 740 Washington Road

PLEASE POST IN A CONSPICUOUS PLACE DURING CONSTRUCTION.

THIS APPROVAL DOES NOT SUPERCEDE ANY EQUIVALENT OR MORE STRINGENT LOCAL ORDINANCES OR REGULATIONS. STATE STANDARDS ARE MINIMAL AND MUST BE MET STATEWIDE.

WHITE= Applicant's; YELLOW= Town's; BLUE= NHWS&PCC file; GOLD= Owner's - (No Action Required)

NOTE: (XXXX) Gravity system ( ) Gravity system to septic tank and effluent pump chamber with disposal system to be constructed on a properly prepared base.

Bed bottom to be set: ( ) no deeper than _____" below the original grade
( ) no less than _____" above the original grade
(XXXX) no lower than the original grade

to maintain (XXXX) 3 ' minimum above (the reported) (XXXX) seasonal high water table. *
( ) _____ ' minimum above (the reported) (any) ledge depth.
(XXXX) 5 ' minimum above (the reported) (XXXX) impermeable soil.

(XXXX) Fill to prepare disposal area should be a medium to coarse sand (0.5 to 1.0 mm).

( ) This approval only valid for the above owner's domicile/exemption.

CONDITIONS: Waiver granted at owner and designer's request for an at grade system 3'+ above the SHWT and 5'+ above clay.

Waiver granted due to favorable site characteristics, soil quality and system design.

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED ON THIS CONDITIONAL APPROVAL.

are approved this date: October 28, 1980 By: James E. Shepard ewn

James E. Shepard ewn
N.H. Water Supply & Pollution Control Commission Staff

Revised 8/1/80

(OVER)

APPROVAL FOR OPERATION

APPROVAL # 90449

THE INDIVIDUAL SEWAGE OR WASTE DISPOSAL SYSTEM CONSTRUCTED FOR:

Owner:
Donald Longstreet
19 Sea Road
Rye Beach, NH 03871

Copy sent to:
Joseph May, B.I.
Town Office
Rye, NH 03870

LOT NUMBERS:
SUBD. APPVL.#: +5 Ac
SUBD. NAME:

TYPE OF SYSTEM: Three Bedroom House

TOWN/CITY LOCATION: Rye, NH
STREET LOCATION: 740 Washington Road

INSTALLER
PERMIT #:
*OWNER INSTALLED FOR HIS DOMICILE

was inspected on (Date) 11-19-80
before covering and is hereby approved for use.
Date Approved: 11-19-80
By: James E. Shepard
(Authorized Agent of N.H. Water Supply and Pollution Control Commission)

THIS APPROVAL DOES NOT SUPERCEDE ANY EQUIVALENT OR MORE STRINGENT LOCAL ORDINANCES OR REGULATIONS. STATE STANDARDS ARE MINIMAL AND MUST BE MET STATEWIDE.

(OVER)

Revised 10/1/80

P.O. BOX 95 HAZEN DRIVE, CONCORD, NH 0330

5074.9720	5387.9839	SS
5078.4489	5396.1748	SS
5022.8523	5417.0562	SS
4996.3930	5477.2473	SS
5154.2278	5302.6910	SS
5149.0653	5289.1909	SS
5174.6166	5241.0893	SS
5176.8395	5243.7360	SS
5186.6221	5249.8863	SS
5203.8017	5196.4344	SS
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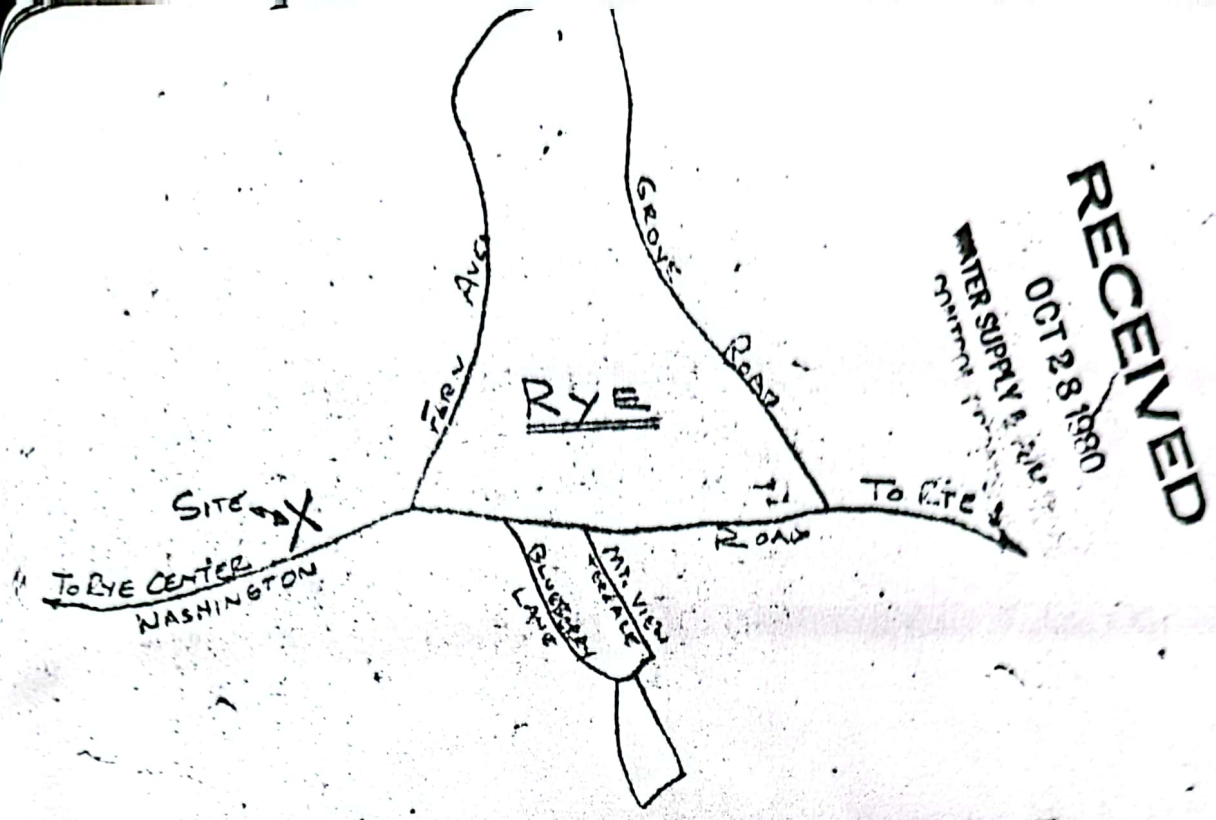


LOCATION MAP

RECEIVED
OCT 28 1980

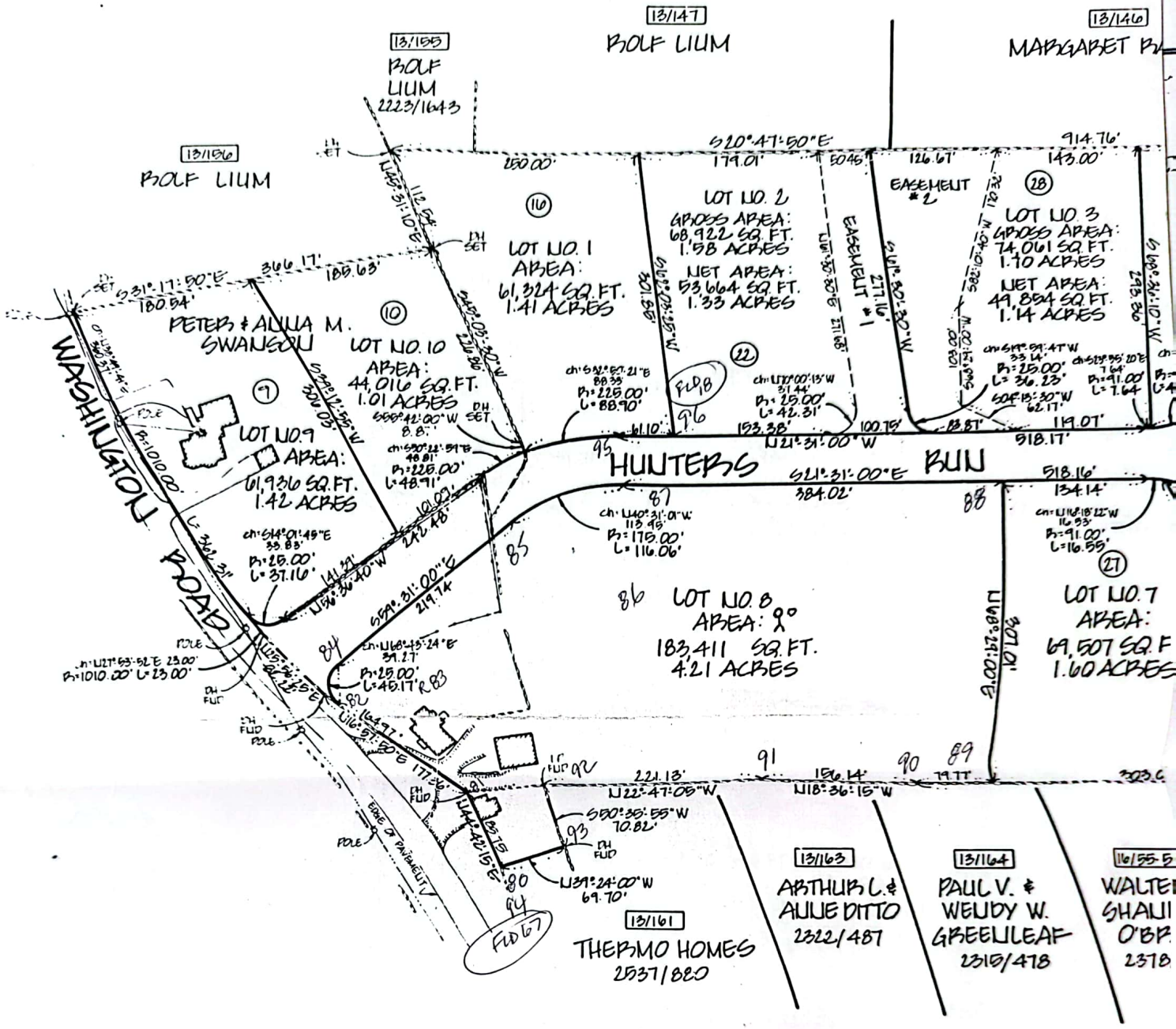
SKETCH OF LAND
SHOWING PROPOSED SEPTIC SYSTEM LAYOUT
FOR
DONALD LONGSTREET
-740 WASHINGTON ROAD
RYE N.H.

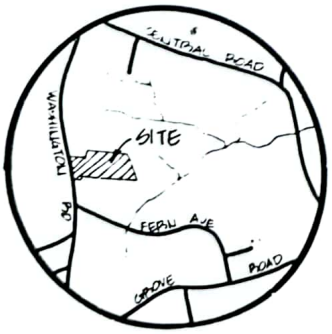
SCALE: 1 INCH = 20 FEET SEPTEMBER 1980

DESIGNED BY: [signature] D-91

REVIEWED BY: R. O. Kingsbury D-129

DESIGNERS





LOCUS MAP

REFERENCE PLANS:

1. "PLAN OF LOTS - BYE, NH - FOR PHILIP B. & CONSTANCE M. BOSTON" DATED DEC. 1974 BY JOHN W. DURGIN, C.E. P.A. - PLAN NO. 5391-2.
2. "PLAN OF LOTS - BYE, NH - BOSTON TO GREEN & GREEN TO BOSTON" DATED DEC. 1974 BY JOHN W. DURGIN, C.E. P.A. PLAN NO. 5407.
3. "PLAN OF LOTS - BYE, NH - FOR JULIE S. LONG" DATED FEB. 1976 BY JOHN W. DURGIN, C.E. P.A. PLAN NO. 5419-2 - RECORDED R.C.R.D. PLAN NO. D-8779.
4. "SUBDIVISION OF LAND - WASHINGTON ROAD - BYE, NH - CHARLES GREEN TO JULIE LONG" DATED NOV. 1975 BY JOHN W. DURGIN, C.E. P.A. PLAN NO. 4891 - RECORDED R.C.R.D. PLAN NO. C-5636.
5. "RESUBDIVISION OF LAND - BYE, NH - FOR DONALD W. LOUGSTREET & PETER & ALICIA M. SWANSON" DATED APRIL 29, 1986 BY JOHN W. DURGIN ASSOCIATES, INC. - PLAN NO. 50582.

NH WATER RESOURCES BOARD COLS APPROVAL NO. 208.03 & 208.04
NHWS & PCC SUBD. APPROVAL NO. 22258

F.B. NO. BYE #9
FILE NO. 2862
PLAN NO. 50592

D-15637